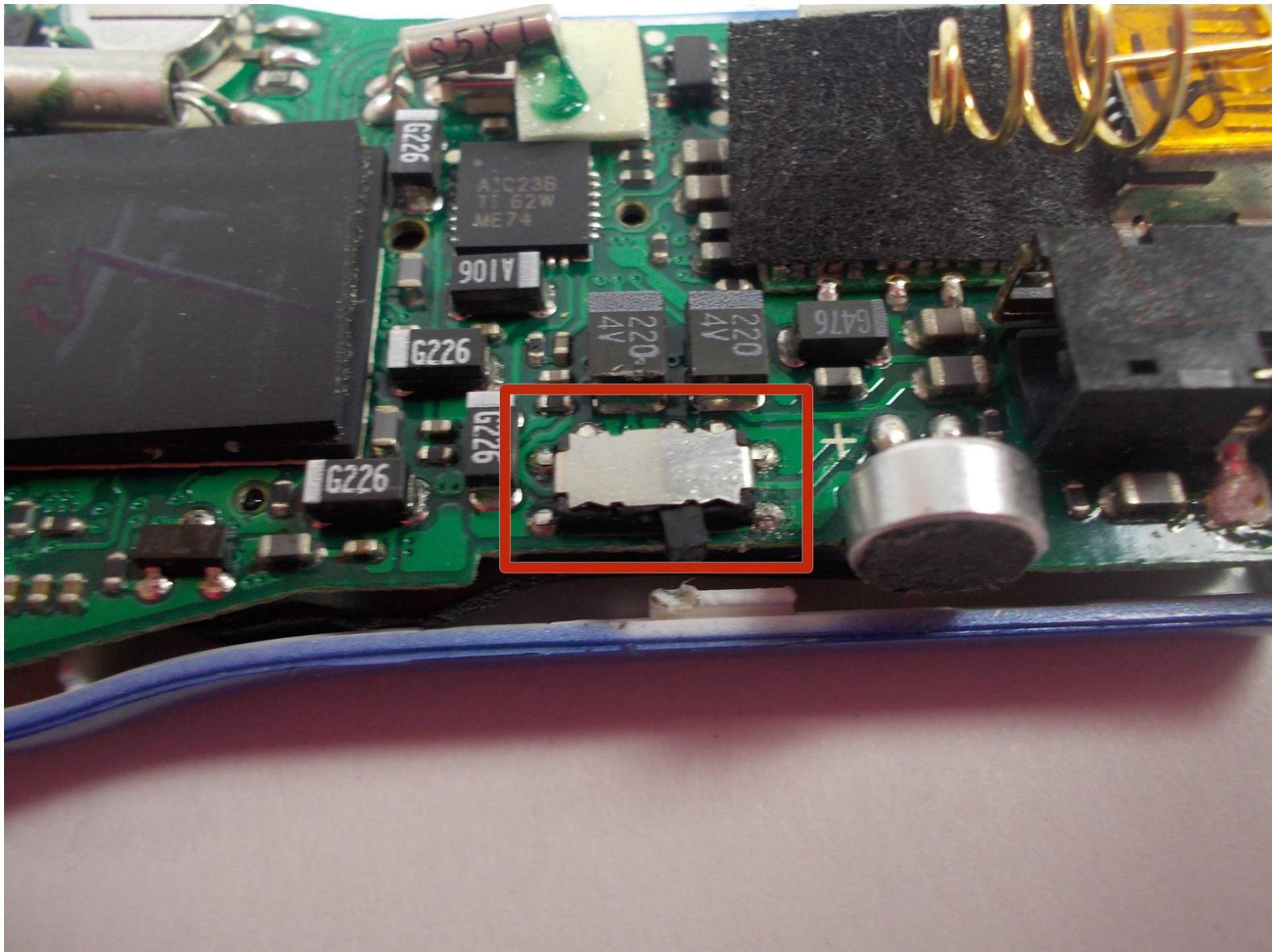




Sandisk Sansa m230 Series mp3 player Hold Switch Replacement

Can't turn on or control your device? There likely is a problem with your hold switch. Use this guide to fix such a problem.

Written By: James Thorne



INTRODUCTION

This guide can be used for those that are experiencing difficulties with their hold switch. A major sign of a faulty hold switch is being incapable of turning on the device. Use this guide to replace a faulty hold switch.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Soldering Workstation](#) (1)
- [iFixit Opening Tools](#) (1)



PARTS:

- [Sandisk Sansa m230 Series mp3 player replacement hold switch](#) (1)

Step 1 — Sandisk Sansa m230 Series mp3 player Teardown



- Locate and remove the screw on the bottom of the device. The screw is next to the battery compartment lid.

Step 2




- Remove the battery compartment cover.
- Then remove the battery. You'll need both the cover and the battery out of the way in the next step.

Step 3



- Now gently pry the two halves of the case apart.
- There are several interlocking pegs located along the edge of the device's casings. These are all that hold the two halves of the case together, barbaric though that may sound.
- Pry the pegs apart one at a time, working your way around the case.

 Be careful when prying apart the pegs: they are made of plastic, and you don't want to break them.

Step 4



- The two halves of the case won't want to be separated at first. That's because the battery contact springs are in the way.
- Push the battery contact springs down through their respective holes in the case. Now the case will come away freely.

Step 5 — Remove battery compartment cover and battery



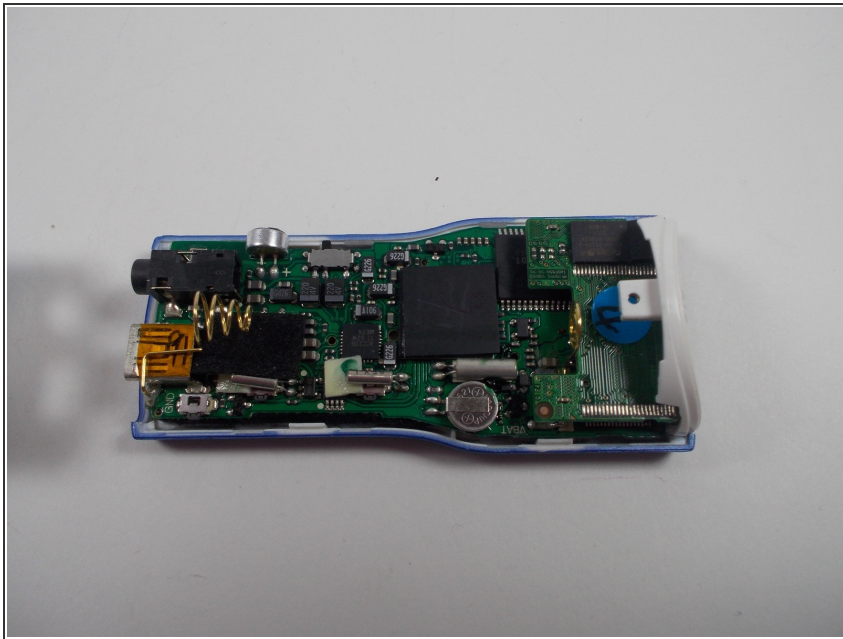
- Remove the cover to the battery compartment.
- Remove the battery. You'll need both cover and battery out of the way for the next step.

Step 6



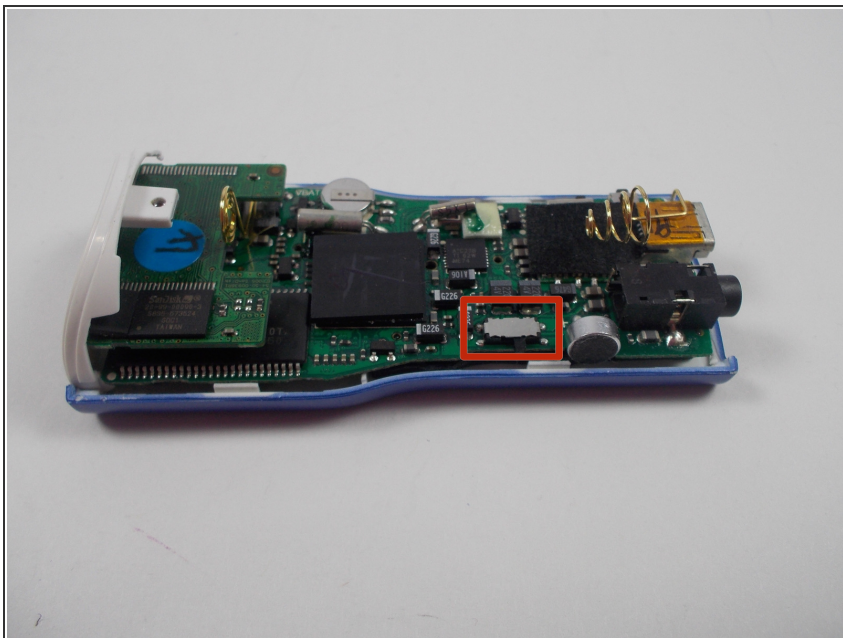
- The part of the casing which houses the USB Jack and headphone jack is the final part which will have to be pried.
- Two clips are the only thing holding this portion of the casings together.
- Once again, gently pry the two outer casings apart by pulling them away from one another.

Step 7



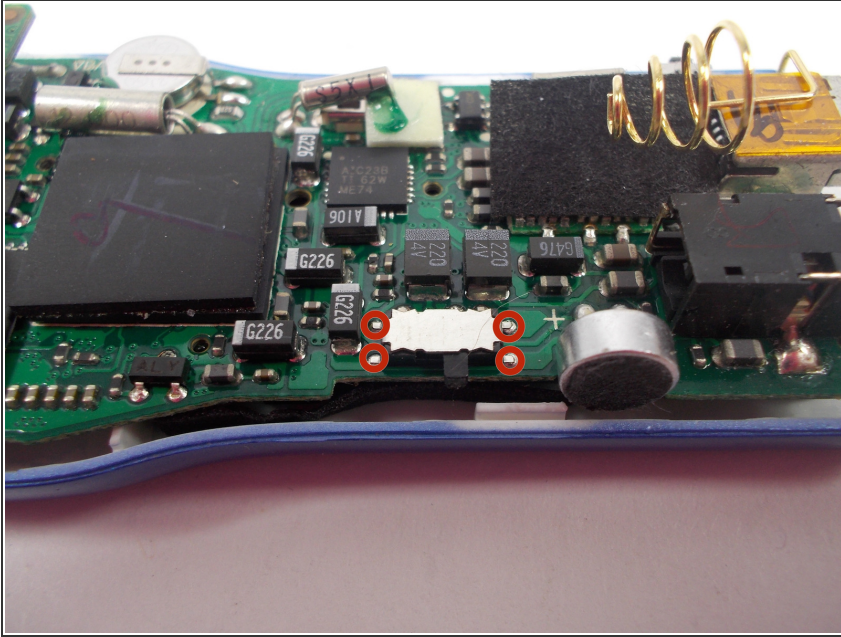
- You now have access to all components found on the inside of the device!

Step 8 — Hold Switch



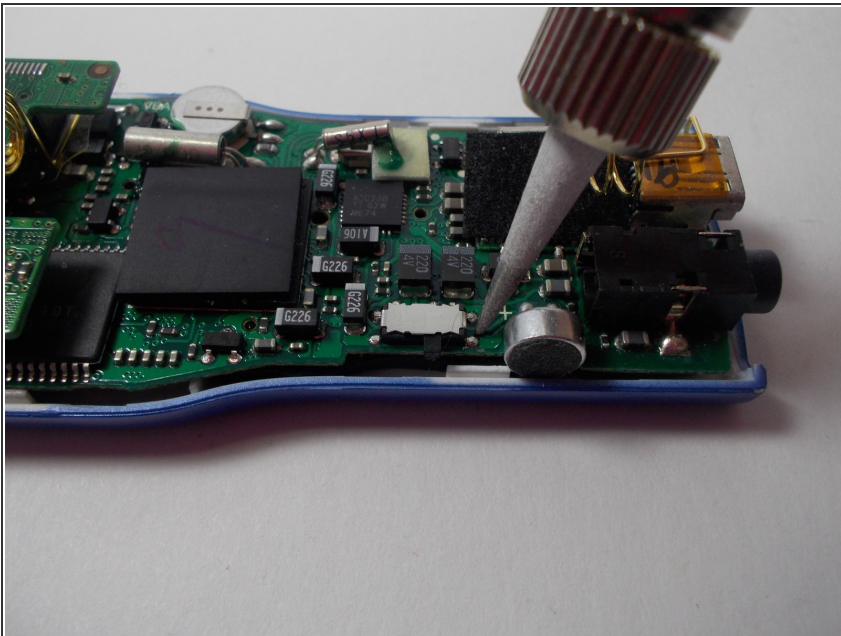
- Locate hold switch on motherboard.

Step 9



- Locate where hold switch is connected to motherboard via soldered connections.

Step 10



- Use the soldering iron to liquefy the solder connecting the hold switch to the motherboard.

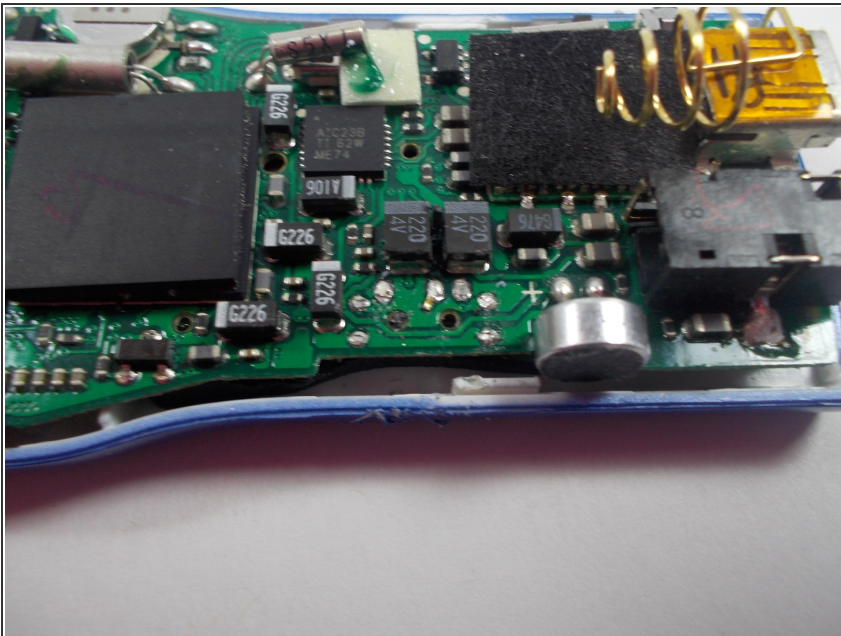
Step 11



⚠ The solder and soldering iron will be very hot at this time. Do not touch unless wearing protective gloves as you will be burnt.

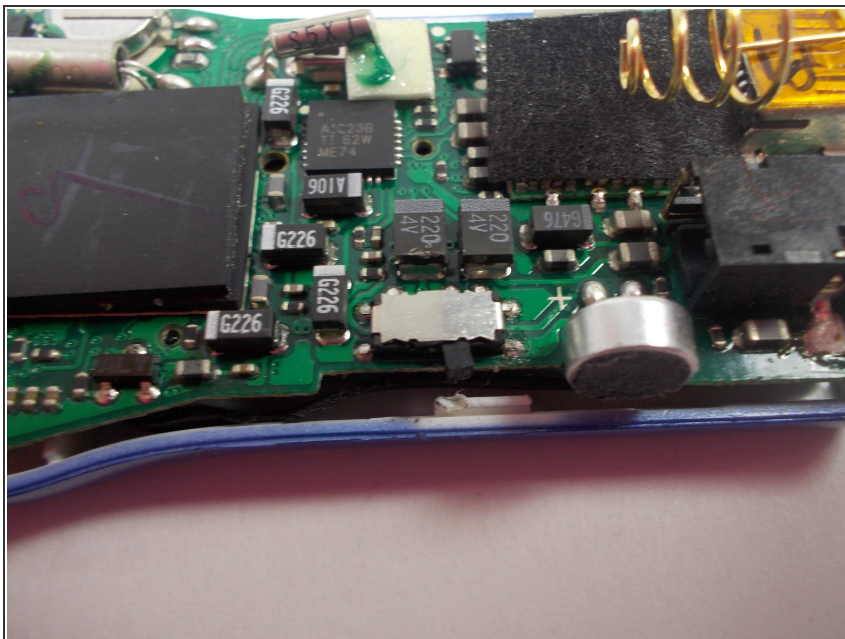
- Be sure to always elevate the hot end of the soldering iron on a metal stand to prevent incidental burns.

Step 12



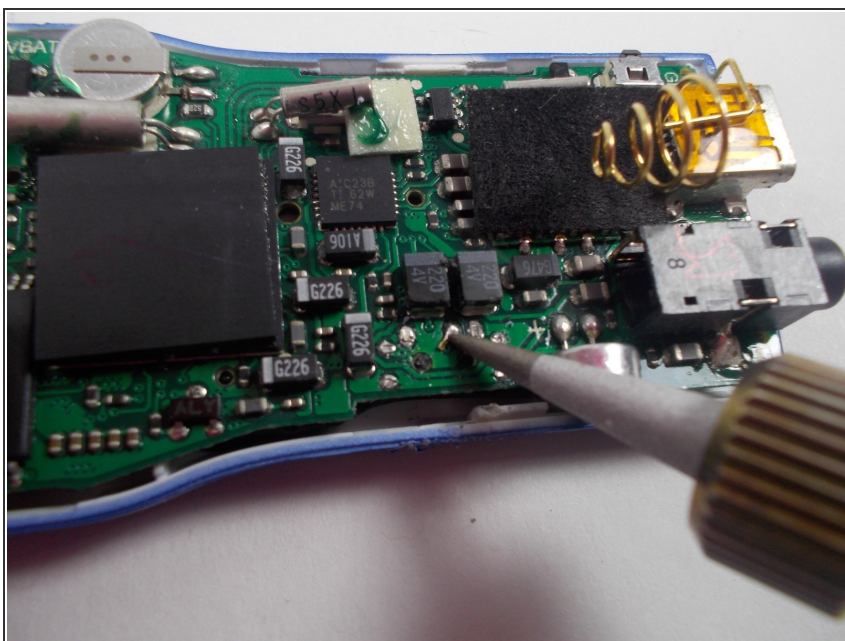
- With the soldered points liquefied, remove faulty hold switch from the motherboard.
- To do this liquefy the solder on each contact and remove them individually.

Step 13



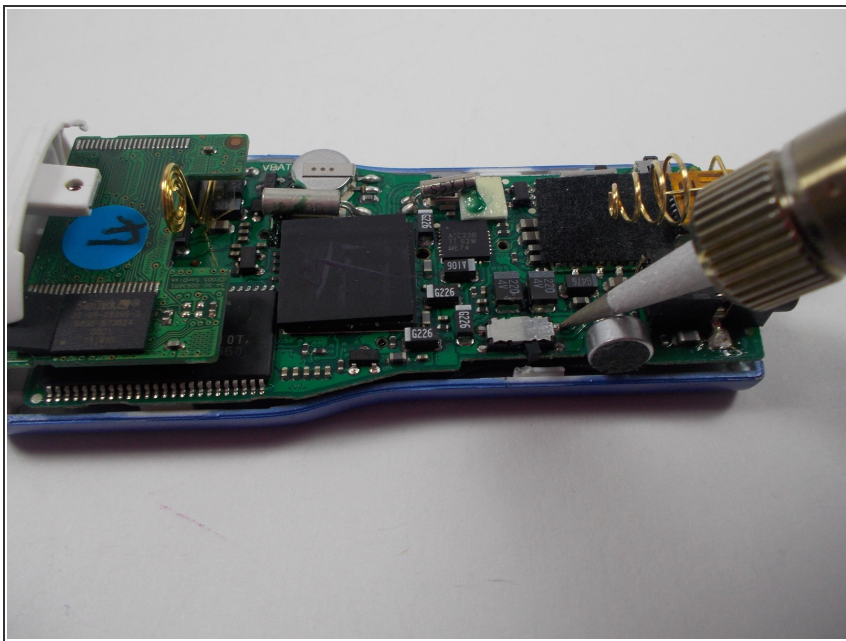
- Replace faulty hold switch with a new one.

Step 14



- ⓘ There may be some solder in the way of the hold switch's metal contacts. If this occurs simply melt/remove the solder to create room for the contacts.

Step 15



- With the new hold switch in place, use the soldering iron and solder to create a stable connection between the motherboard and hold switch.
- Be sure to allow the new solder to cool and harden.

To reassemble your device, follow these instructions in reverse order.

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